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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known	
Application Number	10/681,383
Filing Date	October 9, 2003
First Named Inventor	TAMAI, Hirofumi
Art Unit	3765
Examiner Name	
Attorney Docket Number	1447-

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
PN		US- 3,877,405	04-15-1975	Dorosz et al.	
PN		US- 4,215,641	08-05-1980	Dobrjanskyj et al.	
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PN		US- 4,320,712	03-23-1982	Johnson	
PN		US- 4,590,879	05-27-1986	Matsubara et al.	
PN		US- 4,616,583	10-14-1986	Takano et al.	
PN		US- 4,690,083	09-01-1987	Hara et al.	
PN		US- 4,706,589	11-17-1987	Tsukioka	
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PN		US- 5,315,945	05-31-1994	Nakano	
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PN		US- 6,198,983	03-06-2001	Thrash et al.	
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PN		US- 5,899,154	05-04-1999	Mizuno	
PN		US- 5,648,908	07-15-1997	Chirn et al.	
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PN		US- 5,320,054	06-14-1994	Asano	

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Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T[6]
PN		CA-1,198,018	12-17-1985	Wickers et al.		
PN		CA-1,058,451	07-17-1979	Rockerath et al.		

Examiner Signature		Date Considered	04-29-04

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Sheet 2 of 2

Complete if Known	
Application Number	10/681,383
Filing Date	October 9, 2003
First Named Inventor	TAMAI, Hirofumi
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Examiner Name	
Attorney Docket Number	14474

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 5,319,565	06-07-1994	Hausammann et al.	
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